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Web Manager






User Manual

WM31700/0716

Web Manager Version: 3.17.0.0

Station Controller Version: 3.17.0.0

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Introduction

More than 80 years of experience have placed JBC at the technological forefront of tools for soldering and rework operations in electronics.

Innovation, efficiency and reliability are the key features of a wide range of products which have been designed to satisfy the most demanding requirements of professionals.

One of the tools of the B-Net system is the Web Manager which allows you to manage JBC soldering stations. This solution allows you to access station data remotely, using the company network and/or internet from any device, smartphone, tablet, Android, iPhone/iPad or computer.

Purpose of this manual

This manual describes the functions of the Web Manager software for the configuration and control of JBC stations.

Before using the Web Manager application it is necessary to configure a web server, a database and a JCB Station Controller. For more information check the Installation / Update manual that is freely available on JBC's website www.jbctools.com

Intended recipients

This manual is written for users of JBC stations and explains how to operate the Web Manager application.

System requirements

The Web Manager software does not require installation on the user's computer because it uses a web browser to access the different stations. The following operating systems and browsers are compatible:

- Windows 7 or latest version. (64 Bit versions are recommended)
- Windows 2008 server or latest version.
- IE Explorer 9 or latest version.
- Firefox 8 or latest version.
- Chrome 14 or latest version.

Other browsers may work with the Web Manager application, but not all the functions may be available.

Compatible stations

The following list shows the JBC stations that are compatible with the Web Manager application as well as the required version of the program.

Station	Required version of the program
DM	9996761
DD	9996762
DDR	9996779
DI	9996763
HD	9996764
HDR	9996780
CD/CF	9996765
CS/CV	9996766
CP	9996767
NA	9996768
DDE, HDE, DME, NAE	All

Program Description

First steps

To access the Web Manager application, you just log in with the following address into the browser's address bar.

`http://WebServerName/WebManager`

User ID




On the home page, click on the Start button and then enter the registration e-mail and password to log in and access the application.

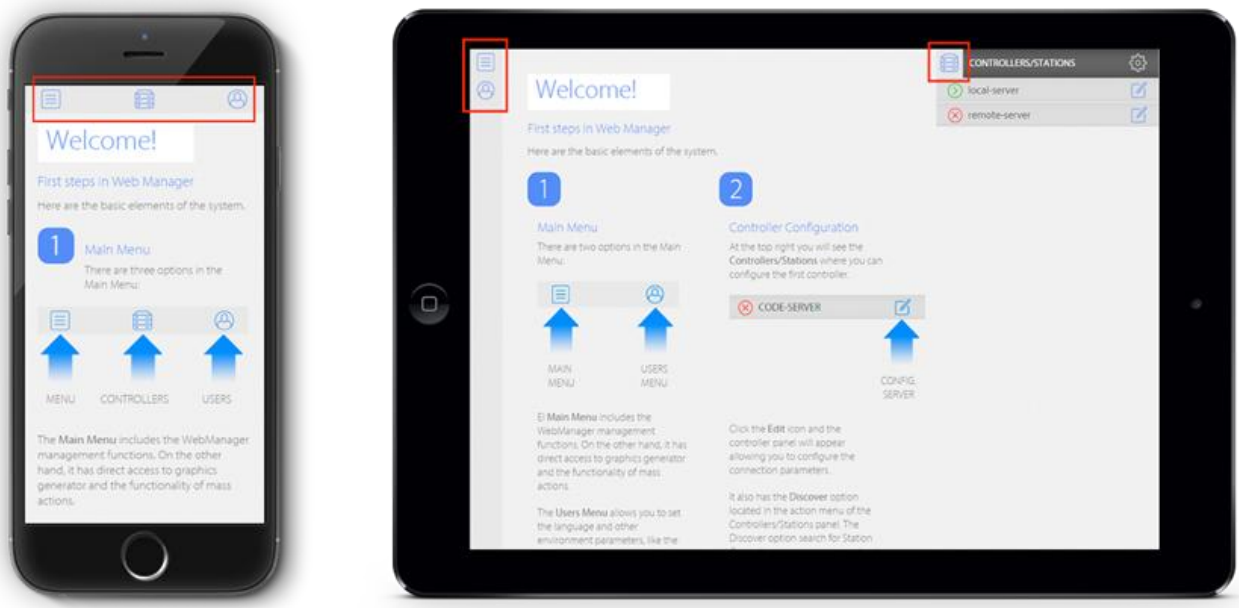


The screenshot shows a login interface for JBC. At the top, the JBC logo is displayed in red, with the website address www.jbctools.com below it. There are two input fields: the first is labeled "Email to Login" and the second is labeled "Password". Below these fields are two buttons: "Cancel" on the left and "Enter" on the right. At the bottom of the form, there is a link that says "Forgot your password?".

Home page



The control buttons are at the top of the Home page:

-  Controllers configuration
-  Settings options for the current session
-  Monitoring the status of the JBC stations





Operation of the application

Connect Controllers/Stations

The first step is to look for the controllers and stations on the network. To do this, pull down the **Controllers / Stations** menu by clicking on the  icon, then on the  icon to select the **Discover** option (this tool is only available for users that are administrators). This will carry out a search for all the controllers that are connected to the network, presenting them in a list from which you can select the controllers you want to add. If controllers or stations have already been added, the **Refresh** option can be used to update the status of the **Controllers / Stations** in the list.

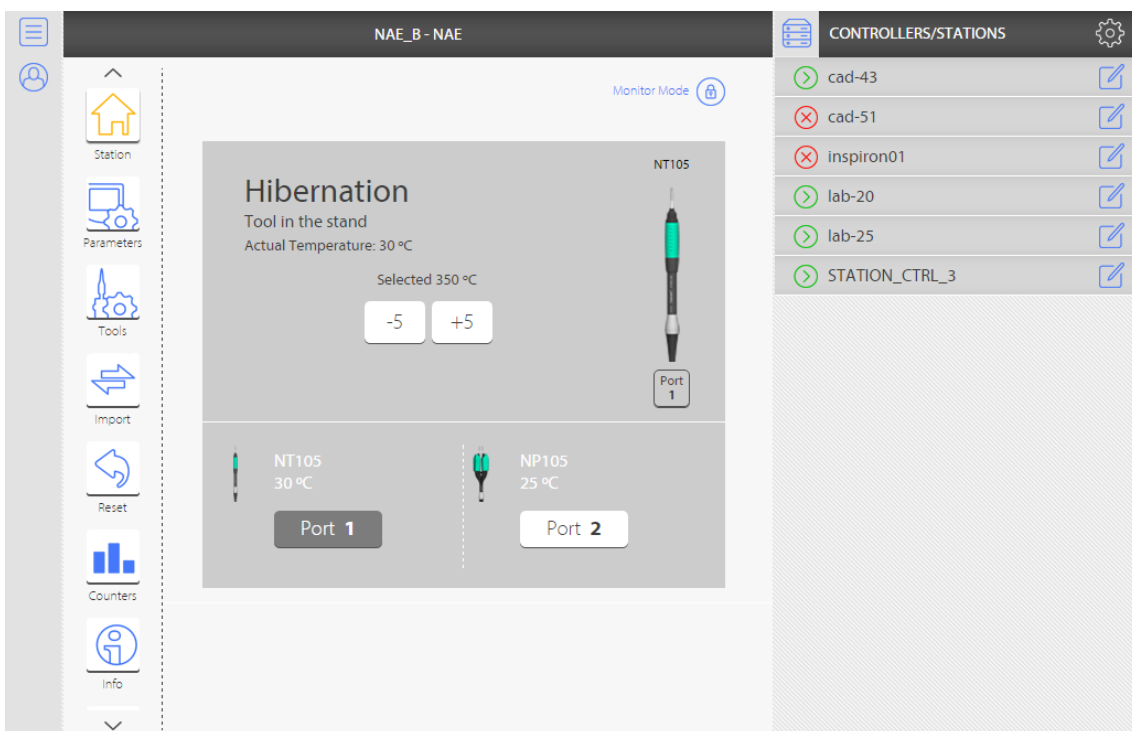
Select a station

The list of **Controllers / Stations** that have been added to the application will appear as:

- A green icon  if they are connected to the Web Manager application
- A red icon  if there is no communication with the controller

If a controller is on the network list but appears to be disconnected, the list can be updated by using the Refresh option.

When a controller is selected, a menu drops down showing the different stations connected to it. When you click on a station, the application will show the working screen with the station's current status.

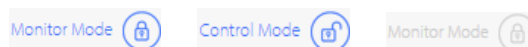


Station in Monitor Mode

A **Station's** connection is shown by default in **Monitor Mode**. In this mode you can see:



- The current operating parameters
- The tools connected to the different ports
- A graph of each tool's power and temperature.

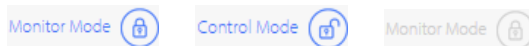
You can only change a station's operating parameters when in **Control Mode**. If the user does not have permission to edit the station's parameters, the **Monitor Mode** icon will be grey.



For more information about the various parameters, see the station's manual that is available for free on JBC's website www.jbctools.com

Station in Control Mode






Once you have selected a station, an icon of a padlock will appear at the top of the various menus to show the station's status in **Control Mode**. If the icon is closed  this means that **Control Mode** is off, otherwise it appears as open . To enable or disable control, simply click on the icon. If the user does not have permission to edit the station's parameters, the **Monitor Mode** icon will be grey.



For more information about the various parameters, see the station's manual which is freely available on JBC's website www.jbctools.com

Administration Menu

Clicking on the  icon will open the **Administration Menu**.

-  **Controller Management**
-  **Configuration Manager**
-  **Plot**
-  **User Management**
-  **Zone Management**

CONTROLLER MANAGEMENT

This menu shows the list of controllers connected to the network and the zone they have been assigned to. The users can only see the controllers that are in their same zone.

By selecting a controller from the list and clicking on the  icon you can add a **New** controller, **Modify** an existing one or **Delete** one that is no longer in use.

The parameters for entering / modifying a controller are the **Label** or name, the **IP address**, the Ethernet **Port** and the **Zone** it belongs to. The list of zones will be empty if none have previously been created.


CONFIGURATION MANAGER


This menu is used to configure stations, either individually or several at the same time. It makes it possible to:


- modify the parameters of a saved configuration
- import the configuration from a station that is connected to the network
- create pre-configured profiles that can then be applied to one or several stations.

Source Configuration

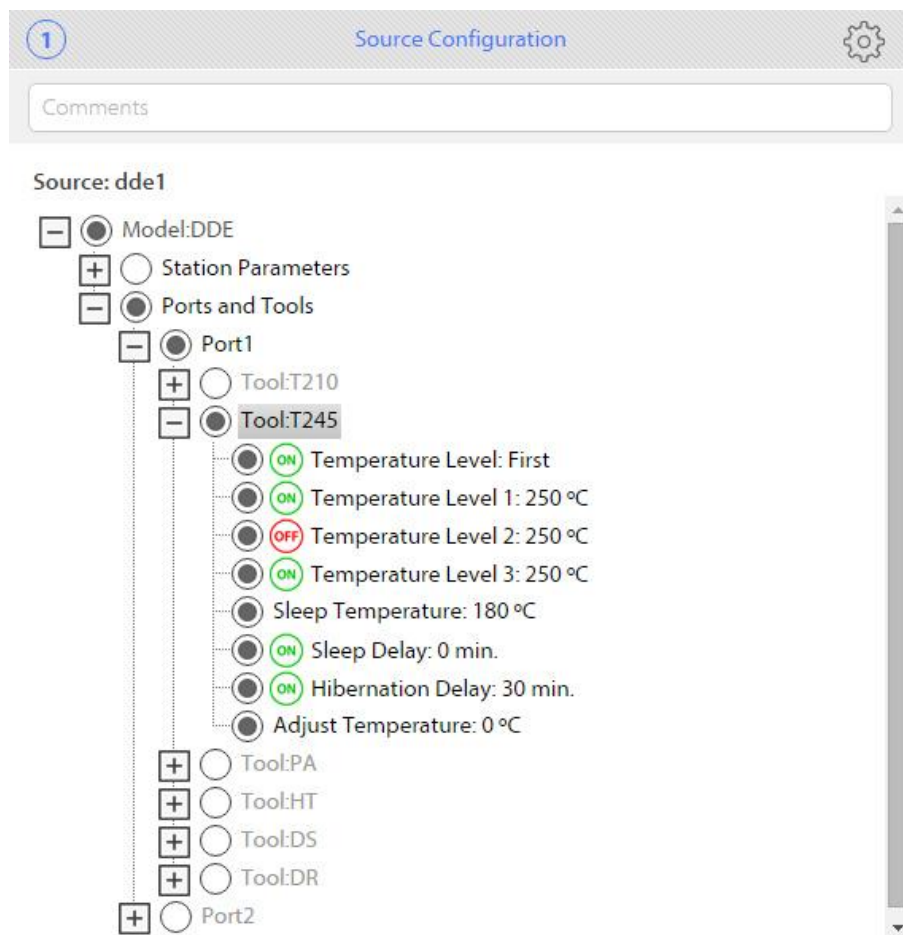
Import

Opening the **Source Configuration** menu by clicking on the  icon allows you to import a configuration that was previously saved or obtain the current settings of a station on the network.

When you select **Import saved**, a list will appear with the previously saved configurations, with three  icons that represent the options for comments, delete file and open file. This list will be empty if you have not previously saved any of the configurations.

On the other hand, **Import station** shows a list of stations connected to the network. To display a configuration that has been saved or a configuration from one of the connected stations, press the  button on one of the items in the list.

After importing a configuration from a previously saved one or from one of the stations, a window will open showing the configuration parameters of the station as a tree, where you can select and modify the different values.





Print

The **Print** option opens a new window with a table showing all the configuration settings, the user name and the current date.

Target Stations

Add Stations

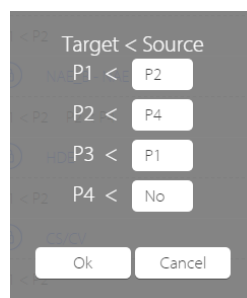
Click on the  icon to open the **Target Stations** menu. The **Add Stations** option allows you to select the stations you want to apply to the configuration previously created in the **Source Configuration** menu. Once the stations have been selected, click on the **Add checked** button. Once you have selected the stations you want to configure, the ports available on those stations will appear.

Clicking on the icon  will open a window where you can assign a source port configuration for each of the ports of the target station. If you select the **No** option, no configuration will be applied to the destination port.



Apply Ports



If you want to assign the same ports to several stations at the same time, the **Apply Ports** option allows you to select this assignment for all the stations added in **Target Stations**.



Apply Configuration

Once the **Source Configuration** has been selected and the ports have been chosen in **Target Stations**, click the **Apply Configuration** button to carry out the modification of the parameters of the destination stations.

Once the process has finished, a summary of the actions taken will be shown on the screen with a symbol for each of them:

-  The action was successfully carried out
-  Some of the parameters are incompatible



By pressing the View report button a summary of the applied settings will appear. The parameters that have not been modified with the values of the Source Configuration will appear in red.

Station Settings

Tuesday, November 24, 2015

Station: - HDE

Parameter	Value	Parameter	Value
Name		Minimum Temperature	90 °C
Maximum Temperature	250 °C	Software Version	9996938
Protocol Version	02		

Port	Tool	Selected Temp.	Temperature Level	Temperature Level 1	Temperature Level 2	Temperature Level 3	Sleep Temperature
1	T245	0 °C	Second (NO)	200 °C (YES)	260 °C (YES)	350 °C (YES)	200 °C

Process Log

Station: HDE	
	Getting control
	Target Port P1 from port P1
	T245.toolTempLv1: 260 °C
	T245.toolTempLv2: 350 °C
	Freeing control

In the detail above you can see how the value for the maximum temperature is 250°C, while the intended temperature for the set levels 2 and 3 are 260°C and 350°C respectively. The report highlights in red the values that could not be modified in accordance with the **Source Configuration**.

PLOT 

This menu can be used to create different graphics of the temperature and power output of the various tools connected to the station.

Plot Settings

Click on the  icon to open the **Plot Settings** menu. You can create a **New** configuration, **Modify** an existing one or **Delete** one that is no longer in use.

The configuration parameters of a graph are:

- **Name** that will be shown by the application.
- **Temperature Axis Configuration**, with the range of values and the scale used for the temperature axis. New temperature ranges (that are different from the default setting) can be added or deleted.
- **Power Axis Configuration**, with the range of values for the power axis. New power ranges (that are different from the default setting) can be added or deleted.
- **Time Window**, which defines the number of seconds shown in the graph window.
- **Temperature Grid Setting**, the ratio of the temperature grid.
- **Power Grid Configuration**, the ratio of the power grid.
- **Time Mark Grid Configuration**, the ratio of the time grid.

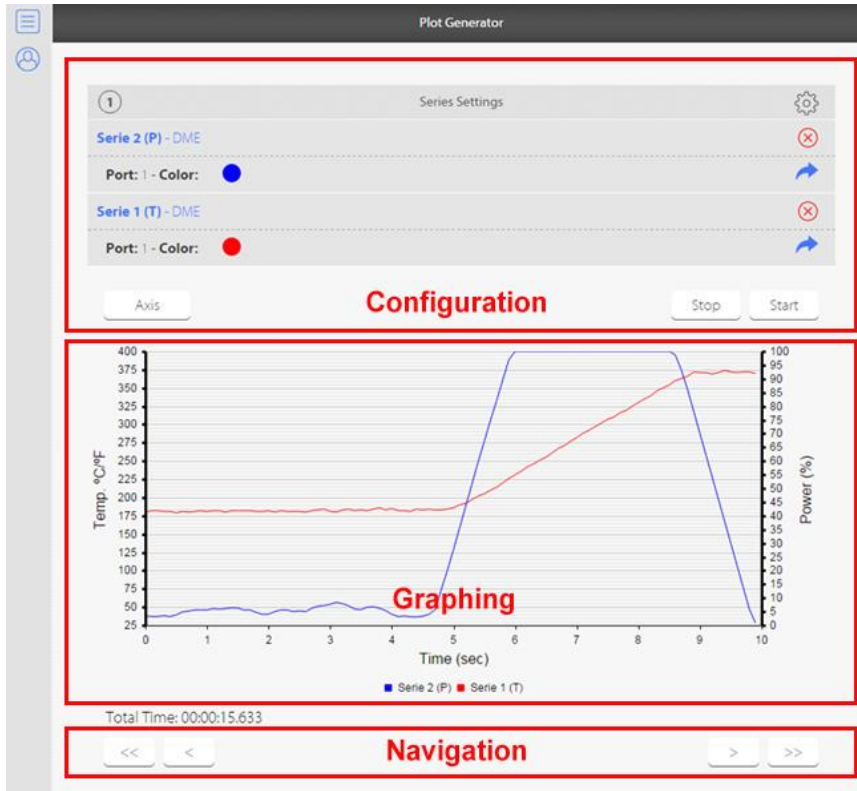
The screenshot shows the 'Plot Settings' dialog box. It is organized into several sections:


- CONFIGURATION NAME:** A text input field labeled 'Config. Name'.
- AXIS SETTINGS:**
 - Temperature: Radio button selected, with a list of ranges: 25°C - 400°C, 200°C - 400°C, 300°C - 400°C, 25°C - 375°C. Below are buttons for '25°C', '50°C', 'Add', and 'Remove'.
 - Power: Radio button unselected, with a list of ranges: 0% - 10%, 0% - 20%, 0% - 50%, 0% - 100%. Below are buttons for '0%', '5%', 'Add', and 'Remove'.
- GRID SETTINGS:**
 - Temperature: Input field with value 25.
 - Power: Input field with value 5.
 - Time Mark (sec): Input field with value 10.
- Time Window (sec):** Input field with value 30.
- Buttons:** 'Cancel' and 'Save' buttons at the bottom.

This configuration can also be set from the graphics window by clicking on the **axes button**.

Plot Generator


The graph generation window has three main parts: the first corresponds to the configuration of the different series, the second to the representation of values and the third corresponds to navigation / movement around the graph.




Click the  icon to open the **Series Settings** menu. This allows you access to the **Add Series** option, where you can set the name, station, port, the necessary magnitude and the colour. You can add as many series as necessary.

Clicking on the **Axes** button gives you access to the **graphics configuration**, where you can select the scale of the different axes, their units and the screen/display grid.

To generate a graph with the previously established series, press the **Enter** button. Once the graph has been generated, click on the **Stop** button to finalize it.


Click the  icon to open the Graphics options menu. This allows you access to the **Export Series** option to select the export format, which can be CSV (3.2), CSV English (3.2) or LBR. The file generated can be directly downloaded to the device or emailed as an attachment.

If you only want to export one of the series you have created or you want to create a file for each one, click on the  icon of the series you want to export. A menu will open where you can select the format and the type of download.

USER MANAGEMENT

This menu allows you to manage users and their permission to modify parameters.

Profiles

Click on the  icon to open the **Profiles** menu options. This allows you to create a **New** profile, **Modify** an existing one, **Delete** one that is no longer in use and edit the Permissions of a profile that has already been created.

When you create a **New** profile, it must be given a name. If you want to create this new profile based on an existing one, you can import a previously saved configuration. Once the viewing and editing permissions have been modified, click the Save button.


Users

By clicking on the  icon, you can create a **New** user, **Modify** and **Delete** an existing one.

The parameters of a user are:

- **Name** that will be shown by the application
- **Email** used for login and password recovery
- **Type**, selecting whether the profile is of the administrator or user type (this feature is only available for super administrators)
- **Zone Manager**, which establishes the permission for user registration.
- **Password** used to login
- **Repeat password** used to verify the password
- **Profile** with the selection of the profile containing the associated edition permission
- **Active**, indicating whether the user can log in or not.
- **Linked Zones**, which is only available in modification mode. It makes it possible to link zones to the user. This function is available to administrators and zone managers.


ZONE MANAGEMENT

This menu allows you to manage different zones as well as the membership relationships between them. If you go into the **Zones** options menu by clicking on the  icon, you can create a **New** zone, **Modify** an existing one, **Delete** one that is no longer in use, **Move** a zone to another one and **Print** a table with the different zones and the station controllers associated with each one of them.

The parameters of a Zone are:


- **Membership**, a higher level zone that includes the one created
- **Name** that will be shown by the application

User Menu

Clicking on the  icon will open the **User Menu**.

- **Environment Management**
- **Version Information**
- **User Manual**
- **Close Session**

Environment Management

The **Environment Management** menu enables you to configure the appearance of the Web Manager application. You can select the temperature scale (°C or °F), language, and the option to only show stations or both stations and controllers in the Controllers/Stations menu, which is accessible via the  icon.

Version Information

It shows which version of the **Web Manager Application** is being used and the **DLL Remote Connector**.

User Manual

It shows the user manual where all the functions are detailed.

Close Session

The user logs out.

History

Version 0716

Second version

